An Inaugural Differtation On the precess asofted by matures withouter alice of unwace bands, and the human system By William Finney of Virginia Candidate for the type of Duter of Section of Meaning in the University of Pray training For the Spring of Jan 8th 1828

they are herales, a to ports withere house an

On the process a copies by natures in the was The human system -The continuity of a part, communicating somally, and promoce by mechanical ins Normas differ in Their nature, and spensances, from a variety of commentances-They acoust houser, of a general digision into wine , and contuse, The latter including puncture, berates, and gunshot wounds. In cises wounds are

case will a sharp outling indersoner, and to book enstains no injury Consumer country as three in which the surrounding ports are basic and injure . Of the circle les ourses, we will have and I small enters, ence

mase in fleshy parts unaccompanies by a division

reflect, a wining of full since of the surger than that of framer has the wines

Of Momonhage in regard to the held many of enceting place on he gothing in agreeding he among the wast in he ago (he wit) that farmshage us by and, and last when he has been the forming of they have soon more particularly to the forming of they have for his farming of the later for the dungers, I shall say that little, of the later fleshing, the little of the later for the late

have bee mineg a howear way of the trut no my caying) any thing further on the subject

In order to accordance the natural property wheat the blacking from a some is onwice, It is nequilitie to attend to some of the files
where, It is more nearly a century in with the some and the institute of the present all the some are in time, a ranking of their is face in the some his time, a ranking of their is face to a consequent to ratural ones by which the Made due of from division of these is to be place.

Distance in an able publication on this subject has extrated into our new times and himse aring and discondant deathing, has actioned from sea upon food many read numerous, and interesting arteria and of the sea to have gone for in death hing to be the time?

Wale cr bular. b somet White in By these experiments he accordance, that the seed of the artering were desired into the wester their man are form pensioning to delicate structure I in the longitudement is retired, but a successful as to brong easily torn by the elighbest force of the original at the direction. Its diseases showther his natural shows in that direction this diseases showther his natural are it is also probably suce

The middles is the thickest and is confused of museutan februs, all anaugus, in a concertar manner, they differ truber from amment museutar februs in land more attending in hand middle of a case arts of a case of a cylinarical form she this amount form she this could not have no longitudinal filing the concertar filing as the conversion which yield readily to any free applies in the circumference of the artery

The?

butiest ! hother ! The contra The orthogonal coat is remarkable for is whiteness, describing and speak elasticity, who can array to be consumered orals are as sometities, divised as they could be by a high, hill the orthogonal coats or as the best of a high,

Assess then for few ends all the onto out in their natural descritions, are commended by means of the fow collection endellance, with some or for the discovery the discovery the their many to their many to their parties from the property of the collection to the action on the parties of the collection to the comments of the collection to the coming of the collection to the coming of the collection of the

Another important fact is that shew an artery is directly to me calce extending contract in a greater or less degree and to contraction is generally if not always formanent

which to inju to blove in and , bermanent.

ing round, attending one furnished with ast, ing round, attendent and norman, a structure sich makes them severe stille of any changes which living books are supported in comments when injured and a poor round so agreetly lightly by which he injury is a plained, or that late permanently of street

Please by a series of experiments or animaly I being was to the the concernments to the structured the structured the structured that acts ing their shouth, and the settle are concerned, in this hour structured them with it, and concerning, of more at one eagle in the heterous a division of more at the eagle that the heterous a une and forcides retraction of the extension as is to sheath, a steph contraction of the extension.

mity are him no Traction Dory flow mue. The wen face atter form my and co the cores

quity are the immediate and almost si = multaneous effects of its disision. The naswel impulse however, with which the store is pirce on, in some me as we counter acts the straction, and reciety the contraction of the story, flows freely externally or is extravalated is the surrounding cellular membrane, in proportion to the open or confine state of the one a, The retracting artery leaves, the inter al en face of the sheath mere, by lacerajud or stretching the cellular fitres that inveled them. These fitres entangle the blood s it-flows, and thing the four dation is laid In the formation of a eraqueum, at the mould Alla artery; and which appears to be con but ce sty the blove as is paper through This can al of the sheath, gracually asher (mo), and coa quetating around its internal surface, till is completely filly is up from The circumserence to the centre

The

This flue bet . In & lones o Hires de of the 1 Lylike molitta hutting ha the

The effusion of blove into the sur = rowaring cellular membrane, and between · the artery and its sheath, but in particular The diminished force of the circutation how lop of blood, an caspeerly es a gulotion of this fluid in this circumsference epentially untributes says Dr. Jones, to the desirate of bet. It appears then that a esa gulum what I long cally the external one at the mouth of to artery, and within its sheath, formy the first complete otstacle, to the continuance of the Heading, and Though it seems external by like a continuation of the artery, yet in slitting open this repel, its termination rew be plainly observed with the coaqueling thutting up do mouth, and contained in , to sheath -

No collateral tranch seing and the important mould of the artery to bline just will in it is as near one weavery

buch for White 1 agulua; Inther "ci They is sheet is

hack neither files up the sense of the order of me as hory is us seen seept by a mass per for a mass per he estrently of the refer this era quiting to the from the former, and make make the order as one

The cut end of the artery meet in former, and the mean of the arterial posts artery of the artery of a there are as firmly write all many to the submet and are as former write all many to the submet artery that the permanent submetion from the summer of the areas that the permanent artery of the summer of the areas of the summer of the areas of the summer of the areas of the summer of the summer of the summer of the summer of the areas of the areas of the summer of the summ

of leeme Leach state in no contra sut en 0 ing no la rugh in

some on g celeutar substances, whoreby these body lecemo the decele and incorporate and from the discount of the other than the country in the original most heal by the first interior the vary former to the stary former to the subject of the design of the subject of the subject of the contract of the subject of the subject of the subject of and contract of the subject of any former to the subject of any entirely or success, it of from the subject of some successful and in from the subject of some successful and in from the subject of some successful and in from the subject of some successful and subject of the subject of some successful and subject of some subje

The same circumstances are also rean have, in the portion of the refue must much
from the heart-In orifice however is usually
more contracted, and its external conquisioned
we than the one which allocked in of the oth
we cut one of the arrong—

The imporning ortrawity of the orting no langer allawing black to concentrate through it the portion which his between it and for a on alley on proofs

Twice ap The heer shew da Bug aron shere is Name a ga Treater ; Thanch moto lette in coordy is employed Althorate and themies a frame a ligamenting appear an entrance beautiful to the first in frame has defined the hourstrage is absorbed on a few dearth, and the congulating limple there was a few diagrams, and the congulation frame from the foreign and the party was been energy of a few along removed, to that they remove against their cellular testure.

Att a till tates perior the ly amenting state you that the active is as it were emploited our chief the first late and to be and for the first late and to another late and the angle is a colombicket, the installating have hely have become considerate, cultured have held have become considerate, cultured to to the the disunder, that of the main are in the disunder, the time the disunder, the till of the main are in the disunder,

When an artery has been divisee

web no in The app Mo equas whene dutance from a latinal branch, fine coagular ara fame: mo of blood en - mully, which think whithe mouth, one of lynghing within the orthonisty of the and and one of these public to confusion it country, of the contiguence of these of type the Buston to and as to be a more for the direct man as to be all much, no internal coaguland of the of form

The internal araquians is always from the deriver of the legations it can be application of the legations it can be application of the legations it can be formed against fully beautiful to the formations is doubt fully beautiful to the formations the degrand fully beautiful to the first of the degrand conglished to the first of the first of the degrand conglished to agualty former, whether the treatment by the matrix or and, if me estations to be presented to the treatment of the first of the treatment of the treatmen

columes, week mis Jaal m Mirie ce, hortially hom del The ancie as blee. much a series of the series of a grant of the

my; and lastly offused lymphi, which when infficient quantity, firms a distincted equilien, just at the mouth of the artery, all be always frue o, if the homor hage permanently suppreper Of The means which nature as und, in the suppression of hemortage, from bundures or partially divises artines The emploration of hemorthage much more easily accomplished, by the matural means, when an artery is competate by divice than when morely puncture, a partially diside Completing dividing swown ace artery, was one way practises by the ancienty in oreer to dop hemorhap? The morous frequently do the same thing, when sleeping from the lemporal actory proves troubersome

the ce Enclose of. Ma stance teles. n distance hortrains hert time topkes, we have con

When instead of a comptete division of in artery, it is mey partially divised or fund Twee, the cepation of bleeding is not escal by effective by natural means, hence it was to culton of the anoseuly in ench instances divide completely a pendere artery. Mis Pelis appears to have given the but account of the price to by which the blees up from arteries partially wounder aweloke bug Irdines, after a great number of expertments informed with a view to elecidate this subject infelos that he has little to all to Mitte The blood is effused into the cellular justance, between the artery and its sheath for

without of them the action and its should for time when the boards are extended the boards are cramined, which time after the boards are cramined, which time after the humming has emplaint freshed, we feel a direction of considerable line helicum the actory and its should extend the common the actory and its should extend the prome a few making below the common as form a few making below the common

park

wind to es wheely we lying. heath a kunctu there to two or there include above it and commented thinker or more prominent over the commence pay,

Share rather than cay the hours whage is elephon by a craquent of more word to say that it is stopped by a think lawner is to examine the work though somewhat therefor at the worn co part stretch by continuous wild the coagulate block lying teleview the along an est their

When an artery is pour tone the hundry and following up the scare, between the artery and its breath attent to the artery and the breath attent to the attent of the breath attent to the attent of the artery, so that they are not exactly whomas is cash other, and by that means who the functions in the artery the sheath one is the functions in the artery the agent of the functions in the artery to a guitaling

to orterna Horas on le than ily a hetallo. an aco the wonne receases

vagutating there prevents any further of

Sun this coagutate More pile the orthund or agutants of a division arting, affect only a temperany former to the hour whage its permanent supprefied is of like by a process of reparation, a office of

It has been derties by many an histates the dingary whether arteries where an obtime an obtime and the control and obtime in of the carify of the repet in such as some of the capermants of I foregularing a new to be a such that this any generally has preins when the this way generally has preins when the obtent of among to a certain extent to cicatrigation in these cases is so committee, that in resting of the time can

of the are now won to of the w/s and Liflym bb Juros Little ntery It Violer\_ he circula week, ag to a la a consi achein. Toling her

In perceive either on the external orinternal cur the of the artery, and that now oflique and pausiorse wounds, when they do not exceep one buth of the circumference of the repelace little sip, and healed by an effusion of coag Taling lymps from their inflamed lips, was recasion little or no obstruction to the canal of to orleny. It may still be questioned to hether the human been the came mice of union

When an artery of considerables magnitude is punotures, even by a sharp law at the circular fitres in most cases contrast umuch, as to separate the sives of the muse to a considerable distance from each ther, it appears as if a piece of the res\_ I had been removed . ranning to effect the reparation here a coaguleur forms as only Haines by Mr Belit moves of the artery up order by Through the worne to a coaquilument

Alfectes.

The appe tabley a wary fre 16 relates sold wation is ther ron & artery the ar K www is m wer at 8 or fich to

tates on the out sice of the repos; In This man in the apperture is temporarily close and to permanent closure depen eg on the secretion Conquetating symph, which is pource out in meleerable quantity, and in many cares potably a large majority of cases of the rates the arterial title fur in some instances, to artery fraces ag in the experiments upon butes related by Dilones, and then the ence higation is completed without - a destruce in of the arterial cavily, Mr Pelit records winstance of this, and in Profepor Scar as lewred treatise on ancustism Ifino nother vory accided instange in which hig move of union was effected in the tra hial arlong of a man Scarp a says that when the artery heals in this manner the cure is racical. He supposed the rapel waker at the excaling than at any other ent lease of wome oce trachial arter by which heales without an ofliteration Bly wh nation mag of if it's canal May be found in the Newyork Med, and Phil; formal Not -

The aring they stated the natural me wife by which a wormer or arion is repaired, we may not mention that here persons afrom the still are invocated to be the cape of the refully in all refully made no feels healing much more reachers healing much more reachers that for one me.

In incide wound the flow of live , is a known much greater than in continue - women of a miles have in presenting the effect which lead within his in presenting the menting of may have wanter for a case related by photology without a Millary arm way from off the fact of annow some of the large of annow some of the large yet me fatel he works go on such that he was die in the property of the large of the l

The lance betthes. the repe wee worn to discover whey en zmake apley in n'asion a matte.

tille Parcing resulter, as sourcely to stain by otother. Drolysing has altritute thing of but of contusion 1st Is the diminished power Atte refetals carry on the circulation du aus visce some the rapide are injured only atto dirice surface, in a contuse com that you injured to a considerable distance, and twefore circulate the blove aprapially Of In a contuse wound, the blood escapes propelly by the ortemas opening and being extravaled into the cellular ter me, making lateral prepure wfor the blove hely 30, the blove coagulateg much more empley in contuces, Then in incises would, nothing exagulation is a powerful timer to accape of the blove the ordremising of the wice a refell are often actually hilles by the dusion, and flore when in contact with rematter species co-agulates. The coagula to of blose in the divioce surfaces of the resformy another obstacle to the homorchage.

Girst Thu bis dire les of the Visitua are erras Pero, del out the

## Of the Fredtment of Incises somes

In the treatment of incises unused, the first thing is which the attention of the sur your is discussed to the house of the house of the first to may infuse the most decision aroung fulling humpers, and to he asolter -

Showe in large shorehee human be amen as the store with some of the store in of some shorteneously on a major aming the was all store and the store of the some of the some of the store of the some store the some store of the s

July netae Dans a raccipen win hy wale affs a all feld in The thing to marky a realizable of the sale of

28

ly the first intention. He aspected back bring hilly well proposed the capillaring and assertant while protection of the capillaring and assertant house for the capillaring of extraor shing attention and house apprentation and performed putsething has accelered the forest into the house the terms when hy the first into the

This method of our foreser amust as my to a forese up the show this is the one rations to a company the same the short show the soft and the short show the some in the configuration of the forest short show the some in the same should be some of the forest should be some of the same the same should be should be should be some of the same the same of the same th

w that w cousie la Gilson o ag ne y that no harily the Mr. Tim Bi rest-rem no were & n Chones no inflammation in the treatment of which the title of the surgeon deffer but attles has of the former the oney differ one consisting in the operations of me

De little difference indered is ber tille inthere has me ag of cura flet Beber Gister has the got many of cura flet Beber Gister has the offer proper to consider has ag meanty syndroming terms and and a dis where the the the master of the law of the transfer has for such a testimation is some fremany not for such a testimation is some fremany not for me to create an other as the core of the law of my thence of me meany lite to place, may request for me to be place, my request for me competition, with orther of the got of the confections.

Showed the achosine inflam - malion,

2 intion of sports he winter may St to larges wirttal Mussee applic in fact, which often happens, nature then by seconds to she place in the his can active prices of facts has been entirely remendent to party him as so far necessary is a consorved to serve to the facts for us to might stay of the strong the strong the strong the chief duty the surgest of th

In contract come of the is not one, in fee to the one of continuity the about on in feet to quater or left whom is to the hours of the hours of the hours of the contract of the contract of the hours of the contract of the

The indications of care on to ame against inflammations to wait the

aparalio to wine ue and which in or in rapple of could their r. to, lo he in a la

separation of the dealerne fact and relieved in Sparation is established to come to offen make and retains we contact the size of the leaves of

The best brace of file atten is a trice of the and mich benetic of inflammation one bigh floracting as to be direct coffee the wind to direct coffee to may to me there are a floraction of the force of any to the application of the source of

Lucrole corners fortake of the no son of contract corners, but them is a difference of the mass of uness, further them is a difference of the mass of uness for the fresh that was the foother of childs and injures of the feture of the sound that are injured flat to feture of the sound offer and injured flat to her our the seathern of a lacerated unue, and the while of what recentles by the first intentions cooks

mag, The ueser, ca tion of Rary to a cate was buckges which wore greatly bruises \_

In the realment of person was a sure of the same indicating present them say as in tempte in cises winned les we are sure of the inflamate of contract the inflamate of the sure of the adjustment of the sure of the sure of the sure of a strength of a stre

To illustrate the served britishers we down the following case which came attending our interesting which came attending to present the state into the discussion of principles services which then would come to be presented to the standard one way from the standard of the section of the sect

thetterfre twith No Jel, to al tobune a dohe e of the distant It's din uleros a ously a series a here to

28

Mr Thos Coathing, residing in the country, (Chestorfices, Ta; a highey respectable gone tunaw of that Country has the mistortune of the 7th Nov: 1819. on on seasoning to cut a ricing) while to slab himself in the led The direction The buncture in this case appears to have but This The linite on entering on the outwe of the tisia just a few inches below the nee of the fibella paper in to a considera a distance totiseen the live times of the limb 1 w to divide completely, the autorior libral. up interose of vitories But the actornal bening of the wound now being sufficient largo to acmit of a free discharge of lloce eragulum formes, and the homorkage hide was as first very trofuse son spen ineously cease e sothas by the time the sur in arrival poho was immediately called where was no sign of bleeding whatever

as very other surgeon shougelone done

Ship the Unigon attendo ling for home 0 clooking hosep/ li " retions " Dallower te log

you un der euch circumstances, ha immediately brught The eags of the wring together saving) applied the achesise the po , and over these D my simple draping , the patient was or core to to kept quiet, and the wound make just as if that been a simple incise wound -But in a few days, the patient was eviged with right for the authorities of supportation, which hattending Physician unfortunally mis thing for an attack of bilions fever, directed is home dias accordingly thus by entirely our tooking) the local injury, for what he now whose plo be a constitution of diease large illections of matter, and extension sinuses we allowed to form, until the line, had become imptale by disorganise plothick escutuated The log of the limb Now it is my interfier that have at seef been freely and ortening law

hen, is as to exacute completely the matter

two fa mediale & case of them acions Jouch of Sponson the 13th isis the

30

h door as those symptoms conclusion a, indie the u, a formation of pay her main their officerance a profuse terrorthago comes their mediately have consuce an other nature of the nature of the nature of the nature of the act of the pay the security the actioning may be now have been fully security of the trade it in his passer, an other limity of the many the treatment proper on such

Strong were appear increased, that such refuely as those above notices, should have how divised without at me placing the feep of the patient, in the whomest joken by feet of the suppose was given free fair end to suffered you fact can be suffered to suffered by one forthe mast wood atte. Surgery, of our forthe mast wood att. Surgery, of our boundary who with the fair the surgery attention of the fair day after the accident was called the fair day after the accident was called the for many the 18th day after the accident was called the for more than the patient from ince

\* It may not be inproper here to show, of-wounds thoughy a careful diferention of the lunt, after is roug taken of these refers we destine July 10 0 by ceen by the operator we ag in nation of in in mes of soft walar as

I was afterwards to amputate \* In regare to the treatment of gum somo, bet- wounds, Whale only romack, that as they and, all, sale come more particularly un con the here of e disting volume wounds, so would be their treatment the suce ag in ale other contuses wound ranging) aly, according to the proportional extent of to injury sustained I shall therefore beg leave to pape un over alle gether, for the mose important con Genation of fractures, of which I shall only where a few remarks, and thew Iwill bring & subject to a close Of Fractured The reunion of fracture lones, is ef by in nearly the same manner as the rectors as of soft party The inflance refrees pourof out coaquetating lymph which becomes scular and gradually by a deposition of

is at for atherior whe for what is for what fugue we have for me had a for the wally for one to co my matter convertee into a tone -

The uniting me diem is called called along the primer, at forthe defether gradually becomes former, me at length combitilely of offing

But in all suspent, and in been him whiteding this calles of nong send of sociation with though account letter and comments a hallow about if frame, and an artificial fruit similaring blind, this may come in anythou though it if such frequently much with mother humans It was most much mother with in the things then, and most much felling a compense of fraction of the things.

The remay this conflaint ranging mother of four has been they before By Millounter, ware to be for a more than the form of the parties for a time of the best line, and o may semetime to effect a for seme instead of first has been have been to cruical of the

any other hick ha Pilson o La diserre My Trice bratin , luggester dele St ing a see how this WILT LEIS more 1.

33

quivers to a sufficient to grave to effect a covery law again outing down how saving offethe way the Selection time has been hower to encour when may other remove has called whom of the miles with hower of the miles of the miles of the major of the many major of the set of the the form he were, after the seem has been two inflated by true.

But desirally the best man of treat and think both on account of the lasting of the basis of the lasting of the basis of the lasting of the basis of the one for a sen first of the form of a stew the sense of the basis of a stew there we be descended enought the basis of a stew there we had descended enought the stewn by many dargery has been for the stewn of the stew

Jug- as blenois Lurroles the boy the pa iceral B. the lone my then wacker, malle the paties for the first his confirmation of the fact the bleving case which came within my own haveledge just abobe put the question laymes to refeithfully of a doubt-

W Black Boy belonging to Mr. Nuby a respectator farmer of the country of Chester file Virginia has a compound fraction of the high love, which by a neighboring Physician, The was at first called in was treating on the and plan But in consequence of some neg but on the part of the practitioner or infrueence Athe patient, the lones faceas to unite the conwerable time having elapsee, and the ener of the lone still remaining in this contition, It ing then ght a cois able to call in another Phys Sulaw Accordingly, my Preceptor Dr. John S. P. backer, a gracuate of this University was months Being however still dispose to give to patient - a fair chance and if popula to feet the cure without the use of the selon,

singly or ferforme, Wisfacs. me of i in you of war bon hand of

He was once more money to try the surparting of at first accopies with the hope of atlashiffeed of his persposes without the necessity of so painful w operation But finding that overy effort which to make mey proce fruits p, and contributory ho to protract- and increases the sufferings of his tient without ausworing any good purpose, to at langth nesstree to try the selon line accore sugly on the 29 th of Now 1817, a greeably to the dire ing lace, down by D. Physic, the operation was informer, and in five or sin weeky to his great alifaction, a most perfect euro ensure, aucthe log a fine healthy hand still continues worthing siting a living witness of the successof the operation we of its entire superiority over every other

Thus Gentlemen in the case almosta is you observe that this operation has succeeded wither as fernoris, as well in our own ag in theliero van bounties and that instead of four or find with the time use ally allowed a most perfectaure

wage. yukn wimen/

in looky. Come to from more clearly than my argument Leonez acoance that the succep This character much depend, as much on to age, constitution and hatity of the parties , super or states, and judicious man somewhof the attending Physicians

The 8